

I claim:

1. An exercise repetitious motion counter, comprising:

a case;

a repetition counter display mounted within the case and visible through a first opening of the case;

a proximity sensor mounted within the case and extending through a second opening of the case, the proximity sensor connected to the display to cause the display to show a repetition count when a portion of an exerciser's body comes into non-contact proximity to the proximity sensor; and

a detection distance setting mounted within the case and extending through a third opening of the case, the detection distance setting being connected to the proximity sensor and variable to determine a proximity sensitivity range of the proximity sensor.

2. The counter of claim 1, wherein, the proximity sensor comprises a photoelectric sensor.

3. The counter of claim 1, further comprising a hinged easel attached at one end to a rear surface of the case.

4. The counter of claim 1, wherein, the easel comprises a slit sized to pass an exerciser's belt.

5. The counter of claim 1, wherein, the easel comprises a slit with a hook and eye strap passing through the slit.

6. The counter of claim 1, further comprising:  
a clock circuit connected to the display; and  
a reset button connected to the proximity sensor and the clock circuit,

the repetition counter display including a repetition display region and an elapsed time region.

7. The counter of claim 3, further comprising a battery compartment accessible through the rear of the case and concealed by the hinged easel.

8. The counter of claim 3, wherein the proximity sensor comprises one of an infrared and an ultrasonic detector.

9. The counter of claim 1, wherein the proximity sensor comprises a reflected beam detector capable of sending a beam reflectable off a person to create a reflected beam and detecting the reflected beam.

10. A portable repetitious motion counter, comprising:

a case with plural surface openings;

a battery-powered repetition counter display visible through a first of the plural surface openings; and

a photoelectric proximity sensor extending through a second of the plural surface openings, the photoelectric proximity sensor connected to the display to cause the display to show a repetition count when a light beam emitted from the sensor and reflected back to the sensor.

11. The counter of claim 10, further comprising a detection distance setting element mounted within the case and extending through a third of the plural openings of the case, the detection distance setting element being connected to the proximity sensor and variable to provide user-determination of a proximity sensitivity range of the proximity sensor.

12. The detector of claim 10, further comprising a belt-wearable element located on a rear surface of the case.

13. The counter of claim 10, further comprising a hinged easel attached at one end to a rear surface of the case.

14. The counter of claim 10, wherein, the easel comprises a slit running along a length of the easel.

15. The counter of claim 13, further comprising a battery compartment accessible through the rear surface of the case and concealed by the hinged easel.